IN THE SPECIFICATION:

The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with strikethrough.

Please REPLACE the paragraph beginning at page 29, line 22, with the following paragraph:

As shown in FIG. 2910, the point (st, 0) corresponding to the leftmost point Lk of the category 5 is searched for by inversely tracing the optimum route to the point (x, y1) corresponding to the rightmost point Rk of the category 5. When the point (st, 0) corresponding to the leftmost point Lk, the value st on the x axis is defined as the starting point of the category 5 at the coordinate x.